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The project has completed its overall design-phase and the contractor is ready to transition into the design detailing and prototyping stage.

The system design has been completed, and the following module electro-mechanical designs are complete: drive-module (deploy and traction), steering-module (pitch and roll; heavy- and light-duty), battery-module (power-system), camera-module (Imaging, computing and wireless communication), sonde-module (pipe-locating), MFL camera-module (viewing MFL in tight spaces) and the MFL mini steering module (needed for mitered bends).

Automatika is ready and awaiting word from the funders as to the exact date for a final design review to allow the sponsors to view more detail on the mechanics, electronics and software of the final TIGRE design, prior to proceeding into the fabrication, assembly, integration, testing and acceptance demonstration stage of the program.

Automatika will continue to interact with the Sensor Provider, focus shifting from sensor design review to the control interface between platform and sensor, especially as they relate to power-bus tap-in design, CAN-communications isolation-circuitry as well as messaging and protocols.

Automatika has provided preliminary launching/retrieval related design analyses, and identified a specific supplier and received quotations for various fittings and valves that would allow for a reasonable launching procedure. The final selection of the type of launcher design-concept has yet to be made, with the actual implementation proposed to the funders for funding in a separate phase.

NYSEARCH is continuing managing the overall effort and in particular the interaction between Automatika and the sensor provider. The commercialization effort is progressing.